

PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

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1. (Currently Amended) In a wireless communication system supporting a broadcast service, a method comprising:

providing a service BCMCS ID to identify the broadcast service, wherein an IP multicast address and UDP port number are associated with said BCMCS ID;

sending the service BCMCS ID to a base station;

configuring a broadcast service parameters message at the base station that includes the service BCMCS ID;

transmitting the broadcast service parameters message to a mobile station; and

using the service BCMCS ID in the broadcast service parameters message at the mobile station to determine availability of the broadcast service in an adjacent sector.

2. (Original) The method as in claim 1, wherein the broadcast service is transmitted by a content server.

3. (Original) The method as in claim 2, wherein the broadcast service has a service name.

4. (Currently Amended) The method as in claim 3, further comprising requesting by the content server the service BCMCS ID from a global issuer.

5. (Currently Amended) The method as in claim 3, wherein the service BCMCS ID is a globally unique service BCMCS ID issued by a global issuer.

Claims 6-7. (Cancelled)

8. (Currently Amended) The method as in claim [[6]] 5, further comprising dynamically generating a BCMCS_ID and associating a lifetime value with the BCMCS_ID.

9. (Currently Amended) The method as in claim 3, further comprising requesting by the content server the service BCMCS_ID from a local issuer.

10. (Currently Amended) The method as in claim 3, wherein the service BCMCS_ID is a locally unique service BCMCS_ID issued by a local issuer.

Claims 11-12. (Cancelled)

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13. (Original) The method as in claim 10, further comprising dynamically generating a BCMCS_ID and associating a lifetime value with the BCMCS_ID.

Claim 14. (Cancelled)

15. (Currently Amended) The method as in claim [[14]] 1, wherein the BCMCS_ID is a dual BCMCS_ID comprising a global indicator to indicate uniqueness of the BCMCS_ID.

16. (Currently Amended) A base station for use in a wireless communication system supporting a broadcast service, wherein the base station is receiving a first broadcast service identified by a first service ID, wherein an IP multicast address and UDP port number are associated with said first BCMCS_ID and wherein the base station has a neighbor base station receiving a second broadcast service identified by a second service ID, wherein an IP multicast address and UDP port number are associated with said second BCMCS_ID, and wherein the base station is configured to implement a method comprising:

receiving the second service BCMCS_ID that identifies the second broadcast service; configuring neighbor configuration data that relates to the second broadcast service; configuring a broadcast service parameters message that includes the second service BCMCS_ID and the neighbor configuration data; and

transmitting the broadcast service parameters message to a mobile station currently receiving the first broadcast service.

17. (Original) The base station as in claim 16, wherein the first broadcast service and the second broadcast service are transmitted by content servers.

18. (Currently Amended) The base station as in claim 16, wherein the first service BCMCS_ID was provided by a global issuer.

19. (Currently Amended) The base station as in claim 16, wherein the first service BCMCS_ID is a globally unique service BCMCS_ID issued by a global issuer.

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Claims 20-21. (Cancelled)

22. (Currently Amended) The base station as in claim [[21]] 16, wherein the first BCMCS_ID has an associated lifetime value.

23. (Currently Amended) The base station as in claim 16, wherein the first service BCMCS_ID is a locally unique service BCMCS_ID issued by a local issuer.

Claims 24-26. (Cancelled)

27. (Currently Amended) The base station as in claim [[26]] 16, wherein the first BCMCS_ID is a dual BCMCS_ID comprising a global indicator to indicate uniqueness of the first BCMCS_ID.

28. (Currently Amended) A mobile station for use in a wireless communication system supporting a broadcast service, wherein the mobile station is in a first sector of a first base station approaching a second sector of a second base station, and wherein the mobile station is configured to implement a method comprising:

receiving a first broadcast service identified by a first service BCMCS_ID from the first base station, wherein an IP multicast address and UDP port number are associated with said first BCMCS_ID;

receiving a broadcast service parameters message that includes a second service BCMCS_ID and neighbor configuration data, wherein the second service BCMCS_ID identifies a second broadcast service available in the second sector, and wherein the IP multicast address and UDP port number are associated with said second BCMCS_ID;

examining the neighbor configuration data that relates to the second broadcast service; and

determining, based on the neighbor configuration data, whether the first service BCMCS_ID and the second service BCMCS_ID identify the same broadcast content whereby reception of the broadcast content is continued in the second sector.

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29. (Original) The mobile station as in claim 28, wherein the first broadcast service and the second broadcast service are transmitted by content servers.

30. (Currently Amended) The mobile station as in claim 28, wherein the first service BCMCS_ID was provided by a global issuer.

31. (Currently Amended) The mobile station as in claim 28, wherein the first service BCMCS_ID is a globally unique service BCMCS_ID issued by a global issuer.

Claims 32-33. (Cancelled)

34. (Currently Amended) The mobile station as in claim [[33]] 28, wherein the first BCMCS_ID has an associated lifetime value.

35. (Currently Amended) The mobile station as in claim 28, wherein the first service BCMCS_ID is a locally unique service BCMCS_ID issued by a local issuer.

Claim 36. (Cancelled)

37. (Currently Amended) The mobile station as in claim [[36]] 28, wherein the first BCMCS_ID is a dual BCMCS_ID comprising a global indicator to indicate uniqueness of the first BCMCS_ID.

38. (Currently Amended) A wireless apparatus, comprising:
means for providing a service BCMCS ID to identify the broadcast service, wherein an IP multicast address and UDP port number are associated with said BCMCS ID;

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means for sending the service BCMCS ID to a base station;
means for configuring a broadcast service parameters message at the base station that includes the service BCMCS ID;

means for transmitting the broadcast service parameters message to a mobile station;
and

means for using the service BCMCS ID in the broadcast service parameters message at the mobile station to determine availability of the broadcast service in an adjacent sector.